## **CLAIMS**:

1	1.	A system	for accepting	user input,	comprising:
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a plurality of switches;

- a pressure member coupled to the plurality of switches, the pressure member
- 4 having multiple sections, wherein each section of the multiple sections is associated with a
- 5 switch of the plurality of switches; and
- wherein the pressure member is positioned in relation to the plurality of switches such that when a force is applied by a user to one of the multiple sections, the pressure member transmits a resulting force to a switch associated with the one of the multiple sections thereby causing actuation of the switch associated with the one of the
- multiple sections.

2

- 1 2. The system of claim 1 further comprising a display, wherein the display displays at
- least one input option and wherein at least one of the multiple sections of the pressure
- member is spatially associated with the at least one input option displayed.
- 1 3. The system of claim 2 wherein at least a portion the pressure member is optically
- transparent, the pressure member is further positioned in front of the display so that the
- display is visible through the pressure member, the plurality of switches is further located
- adjacent to the display and the at least one input option displayed is viewed through the
- 5 pressure member.
- 1 4. The system of claim 3 wherein the system operates in a motor vehicle.
- 1 5. The system of claim 1 wherein the system operates in a motor vehicle.
- 1 6. The system of claim 1 wherein the system operates as a component of a media player.
- 7. The system of claim 1 wherein the at least one of the multiple sections has a tactile
- element, wherein the tactile element reduces the requirement for a visual location, by the
- user, of the at least one of the multiple sections of the pressure member.
- 1 8. The system of claim 1 wherein the pressure member includes four sections and
- wherein each section is associated with one of the four switches.

- 9. The system of claim 1 wherein the pressure member transmits a resulting force to a single switch associated with the one of the multiple sections.
- 1 10. The system of claim 1 wherein the pressure member transmits a resulting force to at least two switches associated with the one of the multiple sections.
- 1 11. The system of claim 1 wherein the switch actuation initiates a system operation.
- 1 12. The system of claim 1 wherein the mechanical characteristics of the pressure member
- are spatially varied, in order to focus forces exerted upon a selected section of the pressure
- member to effect a desired switch actuation.
- 1 13. The system of claim 1 comprising:
- a first switch of the plurality of switches;
- a second switch of the plurality of switches; and
- 4 a control circuit;
- 5 wherein, as a result of the exertion of a force by the user to the pressure
- 6 member, the pressure member transmits a first resulting force to a first switch associated with
- one of the multiple sections of the pressure member and a second resulting force to a second
- 8 switch associated with another of the multiple sections of the pressure member thereby
- 9 causing an actuation of the first switch of the plurality of switches and an actuation of the
- second switch of the plurality of switches;
- whereupon the control circuit identifies a multiple switch activation as an
- inferred system state.
- 1 14. The system of claim 1, further comprising a fulcrum that localizes deflection of the
- 2 pressure member resulting from forces applied by a user, in order to affect which switches
- are actuated by the applied force.
- 1 15. The system of claim 1 wherein the system, in response to the exertion of a force on
- the pressure member by the user, provides confirmation of a user input to the user.

- 1 16. The system of claim 1, further comprising an indicator light, wherein the indicator
- light upon the exertion of a force to the pressure member by a user, is configured to
- 3 illuminate in order to provide a visual confirmation of the switch actuation to the user.
- 1 17. The system of claim 1 wherein the system is configured to provide an audible
- 2 confirmation of the switch actuation to the user.
- 1 18. The system of claim 17 wherein the audible confirmation of the switch actuation is a
- 2 synthetic voice.
- 1 19. A system for accepting user input, comprising:
- a first control configured to select a media source in response to an actuation
- 3 of the first control by a user;
- a second control, wherein the second control has two degrees of freedom in
- actuation configured to choose a mode from a set of modes for the selected media source in
- response to an actuation of the first degree of freedom of the second control by the user,
- wherein actuation of the second degree of freedom by the user of the second control is
- 8 configured to identify a media content item selection; and
- a display for displaying one of the media source, mode and media content item.
- 1 20. The system for accepting user input of claim 19, further comprising a pressure
- 2 member coupled to a plurality of switches, the pressure member having multiple sections,
- wherein each section of the multiple sections is associated with a switch of the plurality of
- 4 switches and wherein the pressure member is positioned in relation to the plurality of
- switches such that when a force is applied by a user to one of the multiple sections, the
- 6 pressure member transmits a resulting force to a switch associated with the one of the
- 7 multiple sections thereby causing actuation of the switch associated with the one of the
- 8 multiple sections.
- 1 21. The system of claim 19 wherein a control comprises a shaft, wherein the shaft is
- 2 mounted within a void of the pressure member and secured by a fastener.

- 1 22. The system of claim 19 wherein the system delays, for a predetermined time, before
- executing one of a user media source selection, mode selection and media content item
- 3 selection.
- 1 23. The system of claim 19 wherein, upon the occurrence of one of a user media source
- selection, mode selection, and media content item selection, the system provides a sub-menu
- of options to the user.
- 1 24. The system of claim 19 wherein a display is configured to provide a visual
- 2 confirmation of the media source selected.
- 1 25. The system of claim 24 wherein the display displays a color cue based on a media
- 2 source selected.
- 1 26. The system of claim 24 wherein the display provides a position indicator depicting to
- the user, the relative position of a selected media content item within a browsable list of
- media content items, wherein the position indicator is displayed in a radial format.
- 1 27. The system of claim 19 wherein the display is a touch screen and wherein the touch
- 2 screen is configured to process a user input.
- 1 28. The system of claim 19 wherein a control is configured to provide a visual
- 2 confirmation of a user input.
- 1 29. The system of claim 28 wherein the visual confirmation is text.
- 1 30. The system of claim 28 wherein the visual confirmation is a graphic.
- 1 31. The system of claim 28 wherein the visual confirmation is a color change.
- 1 32. The system of claim 28 wherein at least a portion of the control is optically
- transparent, wherein the control is positioned over the display and wherein information
- 3 displayed by the display is visible through the control.
- 1 33. The system of claim 32 wherein the visual information is text.

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34.	The system	of claim 32	wherein the	visual ii	ntormation	is a	graphic.

- 1 35. The system of claim 32 wherein the visual information is a color change.
- 1 36. The system of claim 19 wherein the system is configured to provide an audible
- 2 confirmation of the media source selected.
- 1 37. The system of claim 36 wherein the audible confirmation of the media source
- 2 selected is a synthetic voice.
- 1 38. The system of claim 19 wherein a second control is positioned in front of the display
- and wherein the second control accepts actuation of the second degree of freedom by the
- 3 user, as a user input.
- 1 39. A system for accepting user input, comprising:
- 2 at least one switch;
- a display, wherein the display depicts menu options including:
- media content information;
- control options, wherein the control options are displayed on the display near
- 6 the switch
- a pressure member disposed over the display wherein at least a portion of the display
- is visible through the pressure member, the pressure member being configured to accept a
- 9 force exerted by a user within a section of the pressure member;
- the pressure member further coupled to the at least one switch such that a
- resulting force transmitted by the pressure member in response to a user applied force causes
- a switch actuation; and
- at least one control, configured to accept one of a push and turn in order to select one
- of the menu options.
- 1 40. The system of claim 39 wherein at least a portion of the at least one control is
- 2 optically transparent, wherein the at least one control is positioned over the display and
- wherein information displayed by the display is visible through the at least one control.
- 1 41. The system of claim 39 wherein the display displays a color to provide user feedback.

comprising the steps of:

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1	42.	The system of claim 40 wherein the at least one control displays a color to provide
2	user f	Feedback.
1	43.	The system of claim 40 wherein the at least one control displays an symbolic
2		sentation of a selected one of the media content source, mode and media content item.
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1	44.	The system of claim 19 for accepting user input, wherein said first control has two
2	degre	es of freedom in actuation, and wherein actuation of the first degree of freedom is
3	assoc	iated with selection of a media source, and the second degree of freedom is associated
4	with	control of system volume.
1	45.	A system for accepting user input in a media player, comprising:
2	151	a display for displaying one of the media source, mode and media content
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3		item;
4		at least one control, wherein the at least one control has two degrees of
5		freedom in actuation, wherein the at least one control is disposed over the display and
6		at least a portion of the control is optically transparent such that at least a portion of
7		the display is visible through the at least one control.
1	46.	A media player for use in a motor vehicle, comprising:
2		a plurality of switches;
3		a display for displaying one of the media source, mode and media content
4		item;
5		a pressure member coupled to at least one of the plurality of switches, the
6		pressure member disposed over the display wherein at least a portion of the display is
7		visible through the pressure member, the pressure member being configured to accept
8		a force exerted by a user within a section of the pressure member; and
9		two controls, wherein each of the two controls is located to one side of the
10		display and wherein the controls have two degrees of freedom in actuation.
1	47.	In a system for accepting a user input, a method for accepting the user input,

3		displaying a set of options on a display to prompt for a user selection, whereir			
4	at lea	at least a portion of the display is visible through a pressure member, the pressure member			
5	being	g positioned in front of the display;			
6		generating a switch actuation in response to a force exerted by the user on a			
7	section	on of the pressure member wherein the section of the pressure member corresponds to a			
8	desir	ed option, wherein the switch is arranged in an array of switches adjacent to the display			
9	and				
10		based on the switch actuation, changing a system state.			
1	48.	The method of claim 47, further comprising the step of providing a confirmation in			
2	respo	onse to the exertion of the force to the section of the pressure member by the user.			
1	49.	The method of claim 48 wherein the confirmation is an audible confirmation.			
1	50.	The method of claim 47, further comprising the step of:			
2		based on the system state, initiating a system operation.			
1	51:	The method of claim 47 wherein the step of generating a switch actuation comprises			
2	the st	eps of:			
3		detecting a first switch actuation and a second switch actuation caused by the			
4	tranș	mission of a resulting force by the pressure member to the first switch and the second			
5	switc	h; and			
6		generating an inferred system state.			
1	52.	The method of claim 51 wherein the inferred system state initiates a browse function			
1	53.	The method of claim 47, further comprising the step of:			
2		accepting actuation of the first degree of freedom of a first control to select			
3	one o	of the following sources: uIndex, AM, FM, satellite radio, compact disk, hard drive,			
4	uMu	sic, DVD, HVAC/climate, core navigation.			
1	54.	The method of claim 47, further comprising the step of:			

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accepting actuation of the first degree of freedom of a second control to select

one of the following modes: AM presets, AM seek, AM tune, FM preset, FM seek, FM tune,

36

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- FM station, FM song, FM genre, FM artist, satellite radio presets, satellite radio station,
- 5 satellite radio category, satellite radio station, satellite radio song, satellite radio genre,
- 6 satellite radio artist, CD Track, CD time, CD Disk, CD Artist, CD Song, CD Genre, hard
- drive title, hard drive track, hard drive artist, hard drive time, hard drive genre, uMusic track,
- 8 uMusic time, DVD Chapter, HVAC/climate temperature, HVAC/climate fan, core navigation
- 9 origin, core navigation destination, core navigation directions.
- 1 55. The method of claim 54, further comprising the steps of:
- displaying a list of options pertinent to the selected mode; and
- selecting a desired option based on actuation of the first degree of freedom of
- 4 the second control.